

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	52	(light adj emit\$4) and ((first adj resin) same ((second adj resin) with reflect\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 14:05
L2	26	("6345903").URPN.	USPAT	OR	OFF	2006/09/06 14:36
L3	4	("5632551"   "5655826"   "5808592"   "5962971").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 14:38
L4	26	("6345903").URPN.	USPAT	OR	OFF	2006/09/06 14:38
L5	5	("20020134988"   "4888634"   "5813753"   "6066861"   "6345903").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 14:39
L6	1098	komoto.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 14:58
L7	8660	sharp.asn. and light adj emi\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 14:58
L8	645	(wire adj bond near3 ball)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 15:20
S1	1800	(257/99).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 14:01
S2	2	("5214308").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 14:35
S3	1800	(257/99).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 14:35
S4	2176	(257/99).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:24

## EAST Search History

S5	149	"257"/\$.ccls. and (light adj emi\$5) and ((lead adj frame) with (thick\$4 or width))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:50
S6	2231	(257/98).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 15:01
S7	738	(257/100).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 15:13
S8	2	("5635754").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 16:11
S9	1445	(257/79).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 16:25
S10	1045	(257/433).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 16:43
S11	1425	(257/432).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 11:20
S12	0	"comoto.inventer" and package	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 17:41
S13	0	"komoto.in." and package	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 17:41
S14	20	komoto.in. and package and light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 14:57

## EAST Search History

S16	357	louie.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/11 15:28
S17	2177	(257/99).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 13:24
S18	1443	(438/22).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 13:48
S19	386	(438/26).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 14:36
S20	291	(438/27).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 14:47
S21	177	(438/431).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 14:48
S22	51	(438/434).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 14:47
S23	1404	(257/431).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 16:05
S24	733	(257/669).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 18:51
S25	654	(257/434).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 19:02

## EAST Search History

S32	34	"257"/\$.ccls. and (depression with chip) and (light adj emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 19:25
S33	31	"257"/\$.ccls. and (hollow with chip) and (light adj emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 19:27
S34	922	"257"/\$.ccls. and (chip with lead) and (light adj emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 19:27
S35	2	"257"/\$.ccls. and (chip with lead with protrusion) and (light adj emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 19:28
S36	16	"257"/\$.ccls. and (chip with lead with protrusion) and (light adj emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 19:29
S37	1	"257"/\$.ccls. and (chip with lead with mesa) and (light adj emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 10:40
S38	178	(257/695).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 11:49
S39	2	("6707247").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 14:09
S40	6	"257"/\$.ccls. and (light adj emitting adj element) and (image adj pickup adj device)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 14:10
S41	4	"257"/\$.ccls. and (light adj emitting adj element) and (image adj pickup adj device)	USPAT	OR	OFF	2005/11/10 14:11
S42	17	"257"/\$.ccls. and (light adj emitting) and (image adj pickup adj device)	USPAT	OR	OFF	2005/11/10 14:13

## EAST Search History

S43	461	(light adj emitting) and (image adj pickup adj device)	USPAT	OR	OFF	2005/11/10 14:14
S44	46	(light adj emitting adj device) and (image adj pickup adj device)	USPAT	OR	OFF	2005/11/10 14:17
S45	105	(light adj emitting adj device) and (image adj pickup adj device)	US-PGPUB; USPAT	OR	OFF	2005/11/10 16:09
S46	2	("5581115").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 16:09
S50	1330	(257/592,593).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 16:53
S51	328	(438/350).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 16:39
S52	1295	(257/592,593).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 17:36
S53	1019	(257/565).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/11 14:41
S55	0	test\$4.ti. and (chip) and light and alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/11 15:30
S56	491	test\$4.ti. and (chip) and light and alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/11 15:30
S57	328	test\$4.ti. and (chip) and light and alignment	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/11 15:30
S58	3534	(257/98-100,89).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/07 15:21

## EAST Search History

S59	2	("6707247").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/07 15:22
S60	2	("6180962").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/07 15:23
S61	2	("6624491").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/07 15:23
S62	1	("20030178691").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/07 15:24
S63	1	("0639322").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/07 17:29
S64	7	((("6583413") or ("6528818") or ("6348690"))).PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/07 17:55
S65	2	("6818938").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/07 17:56
S66	2	("6329690").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/07 17:56